

VERDUE, A.Z.

15(G)
 AUTHORS: Karklis, A. K.; Patokas, P. S.
 TITLE: Conference of Young Specialists (Konferencja Młodzież
 specjalistów)

SOV/131-394-2/12

PUBLICATOR: 25cupsy, 1959, Nr 1, pp 47-47 (USSSR)
ABSTRACT: The conference of young specialists of the Ministry of Electricity (Young Engineers) of the All Union Institute of Refractories was held in Leningrad on November 13-14, 1959. With the participation of representatives of the youth workers and the Ministry of Electricity, the All Union Institute of Refractories and the Leningrad Institute of Refractories. The conference was opened by the chairman of the All Union Institute of Refractories, N. P. Zorin, and the head of the All Union Institute of Refractories, V. G. Tsvetkov. The conference was attended by the heads of young engineers and technicians. M. P. Zorin, head of the Institute, outlined in his opening speech the work of young specialists of various special branches, describing what was successful. Further, the following topics were discussed:
 1. V. G. Tsvetkov spoke about manufacturing methods of refractories made of heroic siliceous felsite (borosilicate felsite).
 2. V. M. Shchukina reported on test results of the properties of refractory materials on liquid glass.
 3. V. V. Ushenin (KMKO) reported on the dynamic method of determination of the modulus of elasticity at temperatures up to 1500-1600°.

4. G. M. Makarov spoke about the calculation of the changes of shape of furnace refractory structures during heating.
 5. Dr. Sosulin reported on elaboration results of granular products for the aluminum content in types of clay, which caused the causes of heat fracture of the glass.
 6. G. I. Dzubach spoke of teleseparation.
 7. G. A. Kolyazin spoke of a symmetric transmitter for the automobile control of road vehicles on the fuses SK-145.

8. V. M. Sobolev reported on the working out of the design for a new furnace.
 9. V. S. Shura reported on specific heating devices of a new system.
 10. A. M. Levin reported on the design of water cooling and annealing.
 11. V. G. Tsvetkov asked questions of the young specialists.
 12. V. Z. Ferchinskaya dealt with questions of air dust collection.
 13. N. M. Perel'manov, Mr. A. Greenberg and others conducted a short seminar for the familiarization of a bunch of students with the problems of the organization of operation and maintenance of a rotary furnace at the Borovitskaly plant.
 14. V. G. Tsvetkov reported on the beginning of construction and organization of a new plant.

ASSOCIATION: Young Engineers Institute editor-in-chief (All-Union Institute of Refractories)

Card 5/3

Card 1/3

Card 2/4

1. SUBJECT : Hungary
2. COUNTRY :
3. DATE, JER.: Reginas, No. 22, 1959, 90e
4. AUTHOR : Veres, F.
5. TITLE: Not Given
6. SUBJECT : The History of the Production of Artificial Fibers
in Hungary
7. PUBLISHER : Magyar Kossuth Kiadó, Budapest, 1959 (1958)
8. REPORT : The history of the development of the production
of viscose fibers and cellulose in Hungary is
described.
9. ACCORDING TO : p. 40-41, 42-43

Print: 1/1

296

VERDEN, F.

"History of the synthetic-fiber production in Hungary." p. 5

MAGYAR KEMIKUSOK LAPJA. (Magyar Kemikusok Egyesulete) Budapest, Hungary,
Vol. 14, No. 1, Jan. 1959

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 6, June 1959
Uncl.

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~~VERDENSKIY, N.~~ KAPUSTIN, N.G., dotsent, kandidat tekhnicheskikh nauk;
SURDUTOVICH, I.N.; IGNAT'YEV, A.D., kandidat tekhnicheskikh nauk.

New mining systems. Ugol' 32 no.5:6-12 My '57. (MIRA 10:5)

1. Tomskiy politekhnicheskikh institut (for Kapustin). 2.
Dneprogiproshakht (for Surdutovich). 3. Vostochnyy uglekhimicheskiy
institut (for Ignat'yev).
(Coal mines and mining)

CHULOSHNIKOV, P.L., inzh.; SIGAL, I.M., inzh.; VERDENSKIY, V.B., inzh.

Automatic control of the roll welding of long seams. Svar. proizv.
no.1:19-22 Ja '65. (MIRA 12:3)

$$E_0 = E_{\text{kin}} + E_{\text{pot}} = \frac{1}{2} m v^2 + \frac{1}{2} k x^2 = \frac{1}{2} m v_0^2 + \frac{1}{2} k x_0^2$$

卷之三十一

AUTHORS: Shuloshnikov, F. I., Yeremianskiy, V. B., NIAT. Also took part in the
project: Petrov, A. I., Petrov, V. A., Strelka, V. A., Nesterov, T. V., Siper-
Ye, A. I., Gal, I. M.

TYPE: Some development in spot and seam welding control (Report at the Conference on Automatic Welding Control, Kiev, 27 December 1955).

SOURCE: Avtomaticheskaya svarka, no. 5, 1965, 11-15

TOPIC PAGE: SPUR-I-Al4C welding program timer, SPUR-III-A50 welding program timer, BPU-1 welding program unit

ABSTRACT Some problems of resistance-variance programming are considered. It is shown that the variance of the resistance of a system can be calculated by the method of moments.

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L 11205-43
ACCESSION NR: AP3000139

program change after a predetermined number of welds are done. Relations between the interelectrode voltage drop and the weld nugget were studied experimentally on INCONEL 600 plates 1/4-in thick. Interelectrode voltage control was kept level, and as far as possible, A.C. arc welding ammonia at 100 amp, 100% phase wave length. Original art has 3 figures.

ASSOCIATION: NIAT

SUBMITTED: 05Feb63

DATE ACQ: 12Jun63

ENCL: 00

SUB CODE: ML, SD

NO REF Sov: 000

OTHER: 000

Card 1m/s/2
2/2

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~~power, which, by maintaining a constant voltage drop, compensates for the wear of the~~

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VOLDEREVSKAYA, N. P.

VOLDEREVSKAYA, N. P.: "The effect of temperature on the size and speed of crystallization."
V. A. Education VETEN. Moscow State Pedagogical Institute V. I. Lenin. Moscow,
1957. (Dissertation for the Degree of Candidate in Chemical Sciences.)

Knizhnaya letopis', No. 30, 1956. Moscow.

VERDEREVSKAYA, N.D.

USSR/Physical Chemistry - Colloid Chemistry, Dispersion Systems.

B-14

Abs Jour: Referat. Zhurnal Khimiya, No 2, 1958, 4048.

Author : V.P. Mishin, N.D. Verderevskaya.

Inst :
Title : Temperature Influence on Magnitude and Speed of Agar Swelling.

Orig Pub: Kolloidn. zh., 1957, 19, No 4, 472-477.

Abstract: The dependence of the magnitude and speed of agar swelling (S) in water and solutions of salts of the lyotropic series on the temperature T was studied using an automatically recording instrument. If the S process was not complicated with dissolution, the magnitude of S rises with T ; in the opposite case, the polytherm $\Delta V_\infty = f(T)$ passes through a maximum, which is shifting to the side of lower T at a transition to media, in which the temperature factor of solubility of the swelling substance increases progressively. The speed of S

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Card : 1/2

USSR/Physical Chemistry - Colloid Chemistry, Dispersion Systems.
Abs Jour: Referat. Zhurnal Khimiya, No 2, 1958, 4048.

B-14

increases insignificantly with the T rise; the temperature factor of the S speed is close to one and does not depend on the nature of the liquid and the temperature range.

Card : 2/2

-11-

... about Plant Immunity General Problems. 0

ABS. JOUR.: R-1 Zem-Biologiya, No. 5, 1957, No. 20601

AUTHOR: Verderavskiy, D.

JEST: ~~.....~~

TITLE: Plant Immunity to Parasitic Infection. ?

TRAN. PUBL.: Zemledeliye i zhi-votnovodstvo
Moldavii, 1956, No.12, 65-72

ABSTRACT: No abstract

PAGE: 1/1

VERDEREVSKIY, D.; VOLONTIR, I.; GLAZUNOV, K.; KOLESNIK, L.; LUKASHKEVICH,
P.; MAGER, M.; MALTABAR, L.; ROMANOV, I.; KATS, G., red.;
BIZYUK, G., red.; MANDELBAUM, M., tekhn.red.

[Manual on viticulture] Kartia vitikultorului. Kishineu, Editura
de stat a Moldovei, 1957. 398 p. (MIRA 12:10)
(Viticulture)

VERDEREVSKIY, D.D., prof.

Organize properly the control of mildew. Zashch.rast.ot vred.i
bol. 7 no.5:32-33 My '62. (MIRA 15:11)
(Moldavia—Grapes—Diseases and pests) (Moldavia--Mildew)

*ВЕНДЕРЕНКУ (Д.). Виды *Sclerotinia*, вызывающие сахарную гниль Сахарной Свеклы. [Species of *Sclerotinia* causing storage rot of Sugar Beet.]—*Известия Западн. и Приморск. Правительства.* [Sugar Industry News Notes], Киев, ix, 16-17, pp. 247-263, 2 pl., 1932. [French summary.]*

AM

The author states that a serious winter storage rot of sugar beet in the Ukraine is caused by a species of *Sclerotinia* which differs markedly in its morphological and cultural characters from *S. libertiana* [*S. sclerotiorum*], while closely agreeing with Ramsey's description of *S. intermedius* [R.A.M., iv, p. 12; v, p. 260; but cf. vii, p. 6]. Experiments [considerable details of which are given] showed that under the local conditions various strains of *S. sclerotiorum* isolated from a wide range of natural hosts were unable to attack the stored beets. On the other hand, the local strain, provisionally identified as *S. intermedius*, was shown to grow well at temperatures below 0° C. on the beets, the saccharose content of which is rapidly and completely inverted by it. In culture on moist filter paper it produced an enzyme capable of breaking down cellulose, indicating that it is able rapidly to dissolve the cell walls of the host tissue. When cultured on sugar beet it produced an abundance of oxalic acid, but it was unable to grow on substrata with an alkaline reaction. This suggests a possible means of controlling the rot by mixing slaked lime with the beets.

So far the area of dispersion of the fungus appears to be limited to the neighbourhood of the Ramogne Plant Protection Station; in view, however, of the seriousness of the losses caused by it in that region, special precautions should be taken to prevent its further spread.

A.M.

Verderavskii (D. D.), Lazareva (Mme O. P.), Vassil'ev (P. F.), Vyskovko (I. I.), Dzhelaturov (R.) & Moskovitz (S. N.). Tomor' Ximicheskaya. Merepuna i nectopozmo chernetsa sypnopravni. [Chemical of Cotton. Materials for the elaboration of a system of control measures.] (Birokazarmen. n. muzhch. 2000, No. 1, 1936, Cep. [Publ. Transcauc. sci. Res. Inst. Cotton Sci. Ser. Tech.], 62, 168 pp., 17 figs., 1 map, 26 graphs, 8 diagrs., 1936). [English summaries. Received November, 1936]

In this collection of papers a brief historical, biological, and morphological account is first given of the blackarm or gummosis disease (*Bactrocom melanogramma*) of cotton, together with a summary of the results of investigations in 1931 and 1932 on the etiology and control of the disease in Transcaucasia and Armenia [R. J.M., xvi, p. 33, and next abstract]. Laboratory experiments showed that immersion of cotton seed for from 5 to 15 minutes in formalin (1 in 100), followed by covering for 2 hours, completely controlled surface infection of the seed, without unduly interfering with the permeability, while treatment of the seed with sulphuric acid did not entirely destroy the parasite. In field plots raised from formalin-treated seed infection was about half that present in control plots, while in plots raised from seed treated with sulphuric acid it was reduced only by some 30 per cent. In Azerbaijan cotton sown very early in the season (March to early April) or late in May showed a lesser degree of infection than normal sowings (second half of April to the beginning of May).

In the last paper, Lebedev states that *Bac. malinorum* was obtained in pure culture in both years from aseptically dissected pieces of cotton seeds (exclusively from badly infected bolls) that had been disinfected for 30 minutes in sulphuric acid of 1-wsp. g., after which they were immersed in a 0.1 per cent mercuric chloride solution for 10 minutes and then washed four times in sterile tap water, thus demonstrating internal infection of the seeds by the organism [cf. ibid., xii, p. 766]. The bacterium was never isolated, however, from seed collected from infected plants unless the host showed visible signs of infection. There was evidence that it was only present in the fleshy portions of the seed, and it is suggested that invasion takes place from the infected but before probably all the seed, from infected bolls that were examined, but it can be seen to play an important part in the dissemination of the disease owing to the fact that badly diseased bolls are generally excluded at the harvest. There also was evidence that less than 60 per cent of such bolls remain after sowing, and isolations from the seeds that do not germinate show that they mostly contained only the saprophytic *Acinetobacter*, which frequently accompanies *Bac. malinorum* and *Bac. cinereum*.

VERDEPEL'ISKIY, D. D.

Gummosis of Cotton, Publication of the Transcaucasian Scientific-Research
Institute of Cotton, Tiflis, Scientific Series 52, 1935, 168 pp. 164.02
758

So: SIRK -SI-90-53, 15 Dec. 1953

VERDEREVSKIY, D. D.

VERDEREVSKIY, D. A. "A New Disease of Cotton in Azerbaijan,"
Trudy Vsesoiuznoi Akademii Sel'skokhoziaistvennykh Nauk imeni V. I. Lenina,
no. 5, 1936, pp. 74-78. 464.32 V96

SO: SIRA SI 90-53, 15 Dec. 1953

VERDEREVSKIY, D. D.

VERDEREVSKIY, D.D. Gymnosia of Cotton. Publication of the All Union Scientific-
Research Institute of Cotton, Tashkent, 1938, 43 pp. 464.042 V58

SO: SIRA SI 90-53, 15 Dec. 1953

VERDEREVSKIY, D. D.

VERDEREVSKIY, D. D. "Modern State of Problems in the Field of Study of Cotton
Gummosis," in Cotton Diseases, All Union Scientific-Research Cotton Institute,
Tashkent, 1938, pp. 5-25. 464.042 T18

SO: SIRA SI 90-53, 15 Dec. 1953

VERDEREVSKIY, D. D.

VERDEREVSKIY, D. D. "A New Disease of Cotton in Azerbaijan," in Virus Diseases of Plants, Collection 2, Publishing Affiliate of the All Union Institute of Plant Protection, Moscow, 1938, pp. 29-55. 46.32 V96 v.2

SO: SIRA SI 90-53, 15 Dec. 1953

VERDEREVIKSIY, D. D.

VERDEREVIKSIY, D. D. "Cotton Varieties Immune to Gummosis," in Cotton Diseases,
All Union Scientific-Research Cotton Institute, Tashkent, 1938, pp. 45-50
464.042 418

SO: SIRA SI 90-53, 15 Dec. 1953

VERDEREVSKIY, D. D.

VERDEREVSKIY, D. D. "A New Disease (Leaf Curl) of Cotton in Azerbaijan,"
in Cotton Diseases, All Union Scientific-Research Cotton Institute, Tashkent,
1938, pp. 120-138. 464.042 T18

SO: SIRA SI 90-53, 15 Dec. 1953

VERDEREVSKIY, D. D.

VERDEREVSKIY, D. D., and MHELOV, R. D. Leaf Curl Virus Diseases of Egyptian Cotton, Publishing House of the All Union Order of Lenin Scientific-Research Institute of Cotton Production, Tashkent, 1941, 31 pp. 464.042 V58S

SO: SIRA SI 90-53, 15 Dec. 1953

VERDEREVSKIY, D. D.

VERDEREVSKIY, D. D. "The Rate of Penetration of Water Solutions of Formalin into Cotton Seeds," in Results of the Work of the Station of Plant Protection of the All Union Order of Lenin Scientific-Research Institute of Cotton Production on the Study of Pests and Diseases of Cotton and Lucerne for 1939 (Auto-references and References), Publishing House of the All Union Order of Lenin Scientific-Research Institute of Cotton Production, Tashkent, 1941, pp. 54-56. 464.04 T18

SO: SIRA SI 90-53, 15 Dec. 1953

VERDEREVSKIY, D. D.

VERDEREVSKIY, D. D. "More Precise Methods of Laboratory Analysis of Cotton Seed for Gummosis Infection," in Results of the Work of the Station of Plant Protection of the All Union Order of Lenin Scientific-Research Institute of Cotton Production on the Study of Pests and Diseases of Cotton and Lucerne for 1932 (Auto-references and References), Publishing House of the All Union Order of Lenin Scientific-Research Institute of Cotton Production, Tashkent, 1941, pp. 61-62 464.04 T18

SO: SIRA SI 90-53, 15 Dec. 1963

VERDEREVSKIY, D. D.

VERDEREVSKIY, D.D. "Establishment of the Degree Infectivity of Seed Materials of Cotton, Prepared from Fields of Various Groups of Field Approval," in Results of the Work of the Station of Plant Protection of the All Union Order of Lenin Sceintific-Research Institute of Cotton Production on the Study of Pests and Diseases of Cotton and Lucerne for 1939 (Auto-references and References) Publishing House of the All Union Order of Lenin Scientific-Research Institute of Cotton Production, Tashkent, 1941, pp. 62-63. 464.04 T18

SO: CIAA SI 90-53, 15 Dec. 1953

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33311. V Zashchitu Rasteniy. (Nauch.-Issled. Rabota Moldav. Stantsii Zashchity Rasteniy). Vinodeliye I Vinogradarstvo Moldavii, 1949, No. 5, C. 25-29

SO: Letopis' Zhurnal'nykh Statey Vol. 45, Moskva, 1949

VERDAREVSKIY, D.D., and VOYTOVICH, K.A.

"Concerning the Times for Spraying Vineyards to Combat Mildew," Vinodellye i Vinogradarstvo,
1950, No. 3.

Mikrobiologiya, Vol XX, No. 5, 1951. ~~U-24635~~.

VERDEREVSKIY, D. D.

VERDEREVSKIY, D. D. "Importance of Spraying Lower Surface of Leaves in Mildew Control (of Grapes)," Vinodelie i Vinogradarstvo SSSR, vol. 10, no. 4, 1950, p. 28 95.8 V77

SO: SIRA SI 90-53, 15 Dec. 1953

VERDEREVSKIY, D. D.

VERDEREVSKIY, D. D. and VOYTOVICH, K. A. "On Spraying Vineyards (with Bordeaux Mixture) during Periods of Incubation (of Mildew)" Vinodelie i Vinogradarstvo SSSR, vol. 10, no. 6, 1950, pp. 29-32. 95.8 V77

SO: SIRA SI 90-53, 15 Dec. 1953

VERDEPEVSKIY, D. D.

VERDEPEVSKIY, D. D. and MAKHUSHINA, A. T. "Dinitroodanbenzene (Substitute for Bordeaux Mixture)," Vinodelie i Vinogradarstvo SSSR, no. 11, 1952,
pp. 47-48. 95.8 V77

SO: SIRA SI 90-53, 15 Dec. 1953

1. VERDEREVSKY, D.: LUKASHEVICH, P.: LEONT'YEVA, N.: TRUBNIKOV, A.
2. USSR (600)
4. Cottonseed
7. New sulfuric acid-mechanical method of removing lint from cotton seeds to be sown.
Khlopkovodstvo, no. 12, 1952.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

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1. VERDEREVSKIY, D. D.
2. USSR (600)
4. Viticulture
7. Determining periods for spraying grapevines. Vin. SSSR 13 No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

VFR 2011-07-13.6.

2218 Verderevskiy, D. D. and Lukashevich P.A.

Bolyezni Vinograda V Moldavii I Myery Bsr'Byz Nimi. Kishirnyev. Moldavgiz,
1954, 135 s. s Ill. 22 sm. 4.000 EKZ. lr. 45k- Na Moldav. Yaz.-
(54-55643) 634.8:632-632.3/4 : 654.8(47.75)

VIA R DE MARSKU 11, T.

VERDEREVSKIY, D.D.; KAVUN, P.K., redaktor; PAVLOVA, M.N., tekhnicheskiy
redaktor.

[Gummosis in cotton] Gommoz khlopchatnikm. Moskva, Gos.izd-vo
selkhoz.lit-ry, 1955. 123 p. [Microfilm] (MLRA 8:12)
(Gummosis)

V E R D E R E V S K I Y , D . D .

VERDEREVSKIY, D.D.

[Manual of viticulture] Rukovodstvo po vinogradarstvu. Kishinev,
Gos. izd-vo Moldavii, 1957. (MIRA 11:1)
(Moldavia--Viticulture)

VERDEREVSKIY, D.D., doktor sel'skokhozyaystvennykh nauk; VOYTOVICH, K.A.

Prospects of utilizing chemical methods in controlling loose smut of corn. Dokl. Akad. sel'khoz. 22 no.4:18-22 '57. (MLRA 10:6)

1. Moldavskaya stantsiya Vsesoyuznogo instituta zashchity rasteniy.
(Smuts) (Corn (Maize)--Diseases and pests)

VYDREKOVSKIY, D.D., prof.

Theory of the immunity of plants to diseases. Zashch. rast. ot
vred. i bol. 3 no.31-34 My-Je '58. (MIRA 11:6)

1. Kishinevskiy sel'skokhozyaystvennyy institut imeni M.V. Frunze.
(Plants--Disease and pest resistance)

, VERDEREVSKIY D. D.

30-1-33/39

AUTHOR: Kosenko, I. Ye. , Candidate of Agricultural Sciences

TITLE: The Tasks of Biological Research in the Moldavian SSR
(Zadachi biologicheskikh issledovaniy v Moldavskoy SSR)
Out-of-Town Session of the Department of Biological Sciences (Vyyezdnaya sessiya otdeleniya biologicheskikh nauk)

PERIODICAL: Vestnik AN SSSR, 1958, Vol. 28, Nr 1, pp. 125 - 126 (USSR)

ABSTRACT: From September 16, to September 21, 1957 the congress took place in the branch of the AN in the Moldavian SSR, which was organized together with VASKhNIL. The congress was intended to discuss the results of biological research in this field and to give precise information concerning the tasks to be performed in future. It was attended by 400 representatives of the branch of the AN and other scientific factory institutions, as well as by representatives of the Moscow and Leningrad Institutes. The following reports were delivered:
1) L. S. Matsyuk: The principal results and problems in the development of the Biological Sciences in the Moldavian SSR.
2) A. Ye. Kovarskiy: Innovation in the selection and the hybridization of maize.

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The Tasks
Out-of-Town Session of the Department of Biological Sciences
~~of~~ Biological Research in the Moldavian SSR.

- 3) Ya. I. Prints: The present stage of the phyloxera problem, ways and problems of further research.
- 4) D. D. Verderevskiy: The immunity of plants against infectious diseases and ways of their practical utilization.
- 5) N. A. Dimo: The soils of Moldavia and their main characteristic features.
- 6) N. A. Krasil'nikov: On the part played by microorganisms in plant nutrition.
- 7) P. A. Genkel: The importance of quiet in the life of plant organisms.
- 8) M. Kh. Chaylakhyan: The chemical stimulation of the growth and blossoming of plants.
- 9) M. I. Sidorov: On the problem of the agricultural system in Moldavia.

The following sections were active: agriculture, botanics, agrochemistry, microbiology of the soil; plant physiology, plant biochemistry, selection and genetics of plants; plant structure and agriculture; protection of plants, zoology, hydrobiology and ichthyology; physiology of plants. It was recommended to extend the treatment of methodical problems connected with the investigation of

Card 2/3

The Tasks of Biological Research in the Moldavian SSR.
Out-of-Town Session of the Department of Biological Sciences

30-1-33/39

soils, and to take measures for the further development of work tending to explain the origin of the soils of Moldavia, to find new ways of increasing the yield of soils and to struggle against erosion, etc. Furthermore, the necessity of the research of the flora was stressed, as well as of work connected with introduction and acclimatization, on the investigation of spore plants and with experimental botanics. The following suggestions were further made: to map agrochemical charts of the soils of fields with successive crops and many years of planting; the investigation of the micro-organisms of various types of soil, the supplying with organic and mineral fertilizers and microelements, the increase of theoretical investigations on plant physiology and biochemistry; the determination of measures for the struggle against diseases and plant vermins, the increased treatment of physiological problems in order to increase the productivity of agricultural animals, and, lastly, an increased introduction of scientific achievements in practice.

AVAILABLE: Library of Congress

Card 3/3 1. Biology research-USSR 2. Biology reports-USSR

VERDEREWSKIY, Dmitriy Dmitriyevich; MACHINOV, I., red.

[Methods of detecting and selecting disease-resistant
biotypes from susceptible species and varieties of
cultivated plants] Metody vylavleniya i otbora imunnnykh
k bolezniem biotipov v sostave vypromishchitykh vidov i
sortov kul'turnykh rastenii. Kirov, Gor. in-t.
"Kartie Moldoveniske." No.1. 1961. 72 p.

(RUS. 17:11)

VERDEREVSKAYA, T.D., kand. biolog. nauk

Strip mosaic of the plum. Zashch. rast. ot vred. i bol. 9
no.7:21-22 '64. (MIRA 18:2)

1. Institut fiziologii i biokhimii rasteniy, Kishinev.

VERDEREVSKIY, D.D., prof.; KROPIS, E.P.

Causes of the desiccation of stone fruits. Zashch. rast. ot
vred. i bol. 9 no.8:18-20 '64. (MIRA 17:12)

1. Kishinevskiy sel'skokhozyaystvennyy institut.

VERDEREVSKIY, D.D.; VOYTOVICH, K.A.; NAYDENOVА, I.N.

Effect of a root mentor on the acquisition of resistance to
mildew in the seeded progeny of the European grape. Agrobiologija
no.6:941-942 N-D '62. (MIRA 16:1)

1. Moldavskiy nauchno-issledovatel'skiy institut sadovodstva,
vinogradarstva i vinodeliya, Kishinev.
(Grapes--Disease and pest resistance) (Mildew) (Grafting)

KOVARSKIY, A.Ye., prof., doktor sel'khoz. nauk, zasl. deyatel' nauki i tekhniki, otv. red.; YAROSHENKO, M.F., doktor biol. nauk, zam. otv. red.; VEDEREVSKIY, D.D., doktor sel'khoz. nauk, red.; IRIKHIMOVICH, A.I., doktor biol. nauk, red.; KOLESNIKOV, S.M., kand. biol. nauk, red.; PRINTS, Ya.I., doktor biol. nauk, red.; RYBIN, V.A., doktor biol. nauk, red.; USPENSKIY, G.A., kand. biol. nauk, red.; GULYAYVA, Ye.M., kand. biol. nauk, otv. red.; KARYAKINA, I.I., red.; MANDEL'EAUM, M.Ye., tekhn. red.

[Transactions of the Darwin Anniversary Conference] Trudy iubileinoi Darvinovskoi konferentsii. Kishinev, Izd-vo "Shtiintsa," 1960. 389 p. (MIRA 15:9)

1. Yubileynaya Darvinovskaya konferentsiya, 1960.
2. Institut biologii Moldavskogo filiala Akademii nauk SSSR i Kishinev'skiy sel'skokhozyaystvennyy institut im. M.V.Frunze (for Kovarskiy).
3. Kishinevskiy sel'skokhozyaystvennyy institut im. M.V.Frunze (for Verderevskiy).
4. Institut biologii Moldavskogo filiala Akademii nauk SSSR (for Kolesnikov, Prints, Uspenskiy, Irikhimovich).
5. Botanicheskiy sad Moldavskogo filiala Akademii nauk SSSR (for Rybin).
(Evolution---Congresses)

VERDEREWSKIY, D.D., prof., doktor sel'skokhozyaystvennykh nauk

Role of phytoncidal characteristics of higher plants in the specialization of phytopathogenic micro-organisms. Trudy Kish. sel'khoz. inst. 19:125-151 '60.
(Plants—Disease and pest resistance) (MIRA 14:1)
(Phytoncides)

COUNTRY	:	USSR
CATEGORY	:	Plant Diseases. General Problems.
APS. JOUR.	:	RZMBiol., No. 23 1958 No. 104959
AUTHOR	:	Verderevskiy, D. D.
INST.	:	-
TITLE	:	On the Theory of Plant Immunity to Diseases.
ORIG. PUB.	:	Zashchita rast. ot vredit. i bolezney, 1958, No. 3, 31-34
ABSTRACT	:	No abstract.

CARD: 1/1

VERDEREVSKIY, D.D.; TETYUREVA, I.V., red.; FEDOTOVA, A.F., tekhn.red.

[Immunity of plants to parasitic diseases] Immunitet rastenii
k parazitarnym bolezniam. Moskva, Gos.izd-vo sel'khoz.lit-ry,
1959. 370 p. (MIRA 13:3)
(Plants--Disease and pest resistance)

VERDKRAVSKIY, D.D.; TETYUREVA, I.V., red.; FEDOTOVA, A.F., tekhn.red.

[Immunity of plants to parasitic diseases] Immunitet rastenii
k parazitarnym bolezniyam. Moskva, Gos.izd-vo sel'khoz.lit-ry,
1959. 370 p.
(Plants--Disease and pest resistance)

USSR/Plant Diseases. General Problems

0-1

Abs Jour : Ref Zhur - Biol., No 20, 1958, No 91924

Author : Verderevskiy D.D.

Inst : Moldavian Station of the All-Union Institute for Plant Protection

Title : On the Immunity of Plants to Parasitic Disease

Orig Pub : Sb. tr. Mold. st. Vses. in-ta zashchity rast., 1957, vyp. 2, 39-44

Abstract : Plants have a natural immunity realized by means of phytoncides, the inactivation of toxins, the building of tissue barriers etc. The emergence and the evolution of parasitism tends to overcome these protective measures. Immune plants emerge in places favorable for the development of diseases. Methods of sex and vegetative hybridization and of directed breeding should be applied to these plants in order to bring out the resistant varieties. By cultivating in quantities of several varieties (and not just one) it is possible to prevent the loss of resistance. -- L.D. Kazans

Card : 1/1

VERDEREVSKIY, D.D.

USSR/Cultivated Plants - Commercial. Oil-Marin. Sugar-Bearing. I..

Abs Jour : All Zhar - Biol., No 1., 1958, 44193

Author : Verderevskiy, D., Vaynshtek, K.

Inst : -

Title : On the Methods of Developing Cotton Varieties Resistant to Guanasis

Orig Pub : Khropkovo, 1957, N 5, 37-38.

Abstract : No abstract.

Card 1/1

ZOTSENKO, L.N., VERDEREVSKIY, D.D., prof., zasluzhennyy deyatel' nauki
Moldavskoy SSR.

Raise the standards of the Counting and Forecasting Service to
meet modern needs. Zashch. rast. ot vred. i bol. 3 No.4:36-37
J1-Ag '58. (MIRA 11:9)

1. Direktor Moldavskoy stantsii zashchity rasteniy (for Zotsenko).
(Plants, Protection of)

ZHUKOVSKIY, P., akademik; VEREYEREVSKIY, D., prof.

Let's give more attention to plant immunity. Zashch. rast. ot
vred. i bol. 10 no.10:1-2 '65. (MIRA 18:12)

1. Vsesoyuznaya akademiya sel'skokhozyaystvennykh nauk
im. Lenina (for Zhukovskiy).

VERDEREWSKIY, D.D.

Development of mycology and phytopathology in the Moldavian S.S.R.
Trudy VIFR no.23:234-239 '64. (MFI 19:2)

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859420013-8

VERENKIV, I. V. and KYNOVICH, K. A.

"Concerning the Times for Spraying Vineyards to Combat Kiliew", *Vinodeliye i Vinogradarstvo*, No. 3, pp 40-44, 1950.

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859420013-8"

MISHIN, V.P.; VERDEREVSKIY, N.D.

Swelling of high molecular weight substances. Uch.zap. MOPI
84:169-180 '59. (MIRA 14:9)
(Macromolecular compounds)

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859420013-8

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859420013-8"

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859420013-8

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859420013-8"

VERDENTSKY, V.A., NIKONOV, V.F.

Making shape of sections of a planetary mining mill. "Metallurg"
9 no.4(28) p. 164. AMER. EDN

1. Vsesoyuznyy nauchno-sledovatel'skiy i proektno-
konstruktorskii institut metalloobrabotki i mashinostroyeniya.

NOSAL', V.V., prof., doktor tekhn.nauk; VERDEREVSKIY, V.A., kand.tekhn.
nauk; YERMANOK, M.Z., kand.tekhn.nauk

Review of a book by Z.A.Koffa and others "Cold rolling of pipe."
Stal' 24 no.6:536-537 Je '64. (MIRA 17:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy i proyektno-konstruk-
torskiy institut metallurgicheskogo mashinostroyeniya (for Nosal',
Verderevskiy).

"APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859420013-8

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859420013-8"

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CIA-RDP86-00513R001859420013-8

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859420013-8"

Vlad Revskij, V. V.

Voprosy samolетовоzhdeniia v Sovetskoi Arktilke. (In: Vozdushnye puti severa. Moskva, Izd-vo Sovetskaiia Azii, 1953. p.377-402)
Title tr.: Problems of air navigation in the Soviet Arctic.

TL532.V6

SU: Aeronautical Sciences and Aviation in the Soviet Union, Library of Congress, 1955.

VERDEREVSKI^I, V. V.

Voprosy samolotovozheniya v sovetskoi Arktike. /The problems of pilotage in the Soviet Arctic/. (In Vozdushnye puti Severa. Moskva, 1933, p. 377-402).
DLC: TL532.V6

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress,
Reference Department, Washington, 1952, Unclassified.

Review of Applied Mycology

VYDNERKOVSKY (D. D.). The effect of spraying the lower surface of leaves in controlling mildew. *Vestn. Vinograd.*, U.S.S.R., 1950, 4, p. 28, 1950. [Ukrainian. Also, in *Hort. Abz.*, 20, 3, p. 210, 1950.]

An experiment [in U.S.S.R.], in which the upper, lower, and both surfaces of vine leaves were sprayed with Bordeaux mixture and copper naphthenate [see

preceding abstract] for the control of downy mildew (*Plasmopara viticola*) [R.A.M., 30, p. 357 and next abstract], demonstrated that application to both surfaces was far more effective than to one only, and to the lower surface than to the upper.

Review of Applied Mycology

Vorob'yevsky (D. D.) & Voropayev (K. A.). Spraying vineyards according to incubation period. *Vestn. Khozspod. U.S.S.R.*, 1950, 6, pp. 28-32, 1950.
[Russian. Abs. in *Hort. Abstr.*, 20, 3, p. 352, 1950.]

Investigations carried out at the Institute for Plant Protection, Moldavia, demonstrated that spraying vineyards with Bordeaux mixture on the last day of every incubation period of mildew [*Phomopsis viticola*] during the season gave complete protection of yield, even in years highly favourable to the disease (*R.I.M.*, 23, p. 112, 23, p. 187, 30, pp. 12, 599, and preceding abstract). A co-ordinated spray warning system for vine growing areas in Rumania is advocated.

RUMANIA

SUTEU, I., Colonel, Medical Corps; CAFRITA, At., Major, Medical Corps;
BANDILA, Tr., Lieutenant-Colonel, Medical Corps; GIURGIU, T., Lieutenant-
Colonel, Medical Veterinary Corps; STRIMBEANU, I., Colonel, Medical Corps;
IONESCU, P., Major, Medical Veterinary Corps; and VERDES, A., Lieutenant-
Major, Medical Corps.

"Pressor Amine Levels in the Regulation of Splanchnic Circulation in Shock"

Bucharest, Revista Sanitara Militara, Vol 16, Special No., 1965; pp 54-57

Abstract: Study of possible shock-preventative or shock-ameliorating role
of norepinephrine in dogs; whereas intravenous administration preceding
severe experimental hemorrhagic shock was followed by death, intra-aortic
administration prevented death and, when combined with administration of
a ganglioplegic(hexamethonium)it stabilized blood pressure most impres-
sively. The role of hexamethonium is to mobilize capillary blood, of epi-
nephrine to relax splanchnic vein valves, increasing effective blood vol-
ume. Same results in one patient. 4 kymograms, 1 table.

1/1

- 61 -

VERDES, Gh., ing.

Damage caused by electric discharges in an external station.
Energetica Rum 9 no.5:213 My '61.

V L R - F / A
RUMANIA

Dr. AI CIOLCA, Institute "Pasteur", Veterinarian H. HEDREA, Veterinary
Zone Pintinele, District Tg. Mures; Veterinarian S. ANTONIE, Veterinary
Laboratory Turnu Severin, Veterinarian N. VERDES and Dr. A. NICOLESCU,
Veterinary Laboratory Pitesti; Veterinarian E. BARBAROSA, State Farm
Voluntari, Bucharest; Dr N. SIRBU, State Farm Halinga, Animal Husbandry
Ing. V. ANTON, State farm Cateasca Region Pitesti.

"Results in Combating Spirochatisis in Poultry Farms."

Bucharest, Revista de Zootehnie si Medicina Veterinara, Vol 13, No 4,
Apr 63; pp 82-87.

Abstract [English summary modified]: Original method: infect geese
(to prevent accidental spread of fowl plague or leukosis), let
spirolemia peak (to as many spirochetes as RBC in peripheral blood);
bleed and use as inoculum (0.25 ml./hen, diluted to 20% with saline.)
Treat with organic arsenicals 24 hours later. Excellent results in a
number of flocks, 13000 birds total. Two graphs; 1 Soviet, 3 French
references.

1/1

29

ROMANIA / Diseases of Farm Animals Caused
by Bacteria and Fungi

R-1

Abs Jour: Ref Zhur-Biol., No 2, 1958, 7308

Author : N. Verdesh
Inst : Not given
Title : Enzootic Pasteurellosis of Sheep (Observations)

Orig Pub: Probl. veterin. 1957, No 5, 43-46.

Abstract: No Abstract.

Card 1/1

16

Precipitation with hydrogen sulfide without the use of
iron sulfide. L. Verdi. Zemelkawi. Lab. 2, No. 6, Pt. 2
1940. — A H₂S soln. prep'd. from Na₂S instead of from
FeS was used for pptg. Cu. Chas. Blanc.

VERDIHEKOV, S.I.; AMIROV, A.D., redaktor; GONCHAROV, I.A., tekhnicheskiy
redaktor.

[Operating gas and sand containing wells with rodless deep-well pumps]
Ekspluatatsiya gazopesochnykh skvazhin bestrubnymi glubinnyimi nassosa-
mi; iz opyta raboty tresta Kirovneft'. Raku, Gos.nauchno-tekhn.izd-vo
neftianoi i gorno-toplivnoi lit-ry, 1954. 69 p. (MIRA 8:4)
(Oil well pumps)

32276
S/169/61/U00/011/025/065
D228/D304

3.9410 (1019,1031,1121)

AUTHOR: Verdichevskiy, M.N.

TITLE: Bases of the theory of magneto-telluric profiling

PERIODICAL: Referativnyy zhurnal, Geofizika, no. 11, 1961, 30,
abstract 11A261 (V sb. Prikl. geofizika, no. 28, M.,
1960, 70 - 91)

TEXT: The general aspects of the method of magneto-telluric profiling (MTP) are stated. The method's theory examines the magneto-telluric field in the form of an aggregate of flat monoharmonic electromagnetic waves spreading along the z-axis. The inlet impedance, equal to the ratio of the components E_x and H_y at the ground surface, is taken as the main indicator characterizing the environmental properties. The summary longitudinal conductivity S of the stratum covering the high-resistance basement is determined in the MTP method from the formula

$$S \approx 796(\eta - \sqrt{T/10\rho\eta})$$

Card 1/2

Bases of the theory of magneto- ...

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S/169/61/000/011/025/065
D228/D304

where η is the magnetotelluric parameter connected with the impedance magnitude, $\sqrt{T/10\rho\eta}$ is the correction for the basement's final resistance, and T is the average period of the variations. The frequency interval, within which this formula enables S to be determined with a precision of up to 10 %, is termed the S interval. It always corresponds to the ascending right branch of the curves. For a two-layer section the period of the variations included in the S interval satisfies the inequality $3.6 T_{\min} \leq 1.6 T_{\min} \times (\rho_2/\rho_1)$, where T_{\min} is the period of the variations corresponding to the minimum of the two-layer curve. Multilayer sections may be reduced to the equivalent two-layer ones. The depth potential of MTP depends on the propagational conditions of flat electromagnetic waves in the crustal stratum. Approximate calculations were made to determine the depth potential. Additional information about the resistivity of the high-resistance basement and the mean longitudinal resistance of the overlying deposits is required for interpreting magnetotelluric observations. [Abstractor's note: Complete translation]

4

Card 2/2

CA

Polarographic studies with the dropping mercury cathode. LXXVIII. The electrodeposition of manganese from cyanide solutions. E. T. Virder. Collection Czech Chem. Commun. 11, 216-321(1939); cf. preceding abstr., Zapisyak, C. A. 33, 4530. Mn deposits reversibly at the dropping-Hg cathode from solns of $MnCl_2$ in 1.5 N KCN and in 12 N LiCl, CuCl₂, and MgCl₂, but in solns contg. excess KCl, $MgCl_2$, KSCN, KCN at concns other than 1.5 N, and in various buffer solns, the deposition is irreversible. The criterion taken for reversibility is constancy of the half-wave potential with change in drop time. In dil. KCN soln. 2 addnl. waves occur, one of which is considered to be produced by a mixed complex: $Mn(CN)_5OH^-$, and the other by $Mn(OH)_2$. No reduction to the univalent stage was observed. LXXIX. Investigation of the simultaneous occurrence of the two known protein effects produced in buffered cobalt solutions. Edith Jurka. Ibid. 243-55. Proteins in buffered solns of $CuCl_2$ produce on the current-voltage curve 2 waves, one of which is a double wave, sufficiently well resolved so that the heights of each can be detd. The effects of concn. of protein and concn. of $CuCl_2$ on these waves were studied. For the protein, fresh human serum from normal individuals was used. The increase in height of the waves with concn. of serum is not linear, but for each wave approaches a limit which remains practically const. on further increase in concn. of the serum. This behavior suggests that the concn. of active groups of the serum protein, which catalyze the evolution of H at the Hg

surface, is at the cathode interface in an adsorption equilibrium with the bulk concn. of serum protein. At a given concn. of the serum protein, the heights of both of the protein waves increase with increase of Co concn. However, while the height of the single spermatin wave varies linearly with Co concn., that of the double wave when plotted with respect to Co concn. gives a curve which is concave to the axis of Co concn. It is concluded that the protein double wave is caused by adsorbed sulphydryl groups

activated by the Co ions, whereas the single wave represents a catalytic effect of adsorbed non-activated sulphydryl groups. According to this conception, the activated groups constitute a part of the total amt. of the sulphydryl groups adsorbed at the cathode interface.

E. R. Smith

ASTM-AIA METALLURGICAL LITERATURE CLASSIFICATION

SECOND 4	SECOND 5	SECOND 6	SECOND 7	SECOND 8	SECOND 9	SECOND 10	SECOND 11	SECOND 12	SECOND 13	SECOND 14	SECOND 15	SECOND 16	SECOND 17	SECOND 18	SECOND 19	SECOND 20	SECOND 21	SECOND 22	SECOND 23	SECOND 24	SECOND 25	SECOND 26	SECOND 27	SECOND 28	SECOND 29	SECOND 30	SECOND 31	SECOND 32	SECOND 33	SECOND 34	SECOND 35	SECOND 36	SECOND 37	SECOND 38	SECOND 39	SECOND 40	SECOND 41	SECOND 42	SECOND 43	SECOND 44	SECOND 45	SECOND 46	SECOND 47	SECOND 48	SECOND 49	SECOND 50	SECOND 51	SECOND 52	SECOND 53	SECOND 54	SECOND 55	SECOND 56	SECOND 57	SECOND 58	SECOND 59	SECOND 60	SECOND 61	SECOND 62	SECOND 63	SECOND 64	SECOND 65	SECOND 66	SECOND 67	SECOND 68	SECOND 69	SECOND 70	SECOND 71	SECOND 72	SECOND 73	SECOND 74	SECOND 75	SECOND 76	SECOND 77	SECOND 78	SECOND 79	SECOND 80	SECOND 81	SECOND 82	SECOND 83	SECOND 84	SECOND 85	SECOND 86	SECOND 87	SECOND 88	SECOND 89	SECOND 90	SECOND 91	SECOND 92	SECOND 93	SECOND 94	SECOND 95	SECOND 96	SECOND 97	SECOND 98	SECOND 99	SECOND 100	SECOND 101	SECOND 102	SECOND 103	SECOND 104	SECOND 105	SECOND 106	SECOND 107	SECOND 108	SECOND 109	SECOND 110	SECOND 111	SECOND 112	SECOND 113	SECOND 114	SECOND 115	SECOND 116	SECOND 117	SECOND 118	SECOND 119	SECOND 120	SECOND 121	SECOND 122	SECOND 123	SECOND 124	SECOND 125	SECOND 126	SECOND 127	SECOND 128	SECOND 129	SECOND 130	SECOND 131	SECOND 132	SECOND 133	SECOND 134	SECOND 135	SECOND 136	SECOND 137	SECOND 138	SECOND 139	SECOND 140	SECOND 141	SECOND 142	SECOND 143	SECOND 144	SECOND 145	SECOND 146	SECOND 147	SECOND 148	SECOND 149	SECOND 150	SECOND 151	SECOND 152	SECOND 153	SECOND 154	SECOND 155	SECOND 156	SECOND 157	SECOND 158	SECOND 159	SECOND 160	SECOND 161	SECOND 162	SECOND 163	SECOND 164	SECOND 165	SECOND 166	SECOND 167	SECOND 168	SECOND 169	SECOND 170	SECOND 171	SECOND 172	SECOND 173	SECOND 174	SECOND 175	SECOND 176	SECOND 177	SECOND 178	SECOND 179	SECOND 180	SECOND 181	SECOND 182	SECOND 183	SECOND 184	SECOND 185	SECOND 186	SECOND 187	SECOND 188	SECOND 189	SECOND 190	SECOND 191	SECOND 192	SECOND 193	SECOND 194	SECOND 195	SECOND 196	SECOND 197	SECOND 198	SECOND 199	SECOND 200	SECOND 201	SECOND 202	SECOND 203	SECOND 204	SECOND 205	SECOND 206	SECOND 207	SECOND 208	SECOND 209	SECOND 210	SECOND 211	SECOND 212	SECOND 213	SECOND 214	SECOND 215	SECOND 216	SECOND 217	SECOND 218	SECOND 219	SECOND 220	SECOND 221	SECOND 222	SECOND 223	SECOND 224	SECOND 225	SECOND 226	SECOND 227	SECOND 228	SECOND 229	SECOND 230	SECOND 231	SECOND 232	SECOND 233	SECOND 234	SECOND 235	SECOND 236	SECOND 237	SECOND 238	SECOND 239	SECOND 240	SECOND 241	SECOND 242	SECOND 243	SECOND 244	SECOND 245	SECOND 246	SECOND 247	SECOND 248	SECOND 249	SECOND 250	SECOND 251	SECOND 252	SECOND 253	SECOND 254	SECOND 255	SECOND 256	SECOND 257	SECOND 258	SECOND 259	SECOND 260	SECOND 261	SECOND 262	SECOND 263	SECOND 264	SECOND 265	SECOND 266	SECOND 267	SECOND 268	SECOND 269	SECOND 270	SECOND 271	SECOND 272	SECOND 273	SECOND 274	SECOND 275	SECOND 276	SECOND 277	SECOND 278	SECOND 279	SECOND 280	SECOND 281	SECOND 282	SECOND 283	SECOND 284	SECOND 285	SECOND 286	SECOND 287	SECOND 288	SECOND 289	SECOND 290	SECOND 291	SECOND 292	SECOND 293	SECOND 294	SECOND 295	SECOND 296	SECOND 297	SECOND 298	SECOND 299	SECOND 300	SECOND 301	SECOND 302	SECOND 303	SECOND 304	SECOND 305	SECOND 306	SECOND 307	SECOND 308	SECOND 309	SECOND 310	SECOND 311	SECOND 312	SECOND 313	SECOND 314	SECOND 315	SECOND 316	SECOND 317	SECOND 318	SECOND 319	SECOND 320	SECOND 321	SECOND 322	SECOND 323	SECOND 324	SECOND 325	SECOND 326	SECOND 327	SECOND 328	SECOND 329	SECOND 330	SECOND 331	SECOND 332	SECOND 333	SECOND 334	SECOND 335	SECOND 336	SECOND 337	SECOND 338	SECOND 339	SECOND 340	SECOND 341	SECOND 342	SECOND 343	SECOND 344	SECOND 345	SECOND 346	SECOND 347	SECOND 348	SECOND 349	SECOND 350	SECOND 351	SECOND 352	SECOND 353	SECOND 354	SECOND 355	SECOND 356	SECOND 357	SECOND 358	SECOND 359	SECOND 360	SECOND 361	SECOND 362	SECOND 363	SECOND 364	SECOND 365	SECOND 366	SECOND 367	SECOND 368	SECOND 369	SECOND 370	SECOND 371	SECOND 372	SECOND 373	SECOND 374	SECOND 375	SECOND 376	SECOND 377	SECOND 378	SECOND 379	SECOND 380	SECOND 381	SECOND 382	SECOND 383	SECOND 384	SECOND 385	SECOND 386	SECOND 387	SECOND 388	SECOND 389	SECOND 390	SECOND 391	SECOND 392	SECOND 393	SECOND 394	SECOND 395	SECOND 396	SECOND 397	SECOND 398	SECOND 399	SECOND 400	SECOND 401	SECOND 402	SECOND 403	SECOND 404	SECOND 405	SECOND 406	SECOND 407	SECOND 408	SECOND 409	SECOND 410	SECOND 411	SECOND 412	SECOND 413	SECOND 414	SECOND 415	SECOND 416	SECOND 417	SECOND 418	SECOND 419	SECOND 420	SECOND 421	SECOND 422	SECOND 423	SECOND 424	SECOND 425	SECOND 426	SECOND 427	SECOND 428	SECOND 429	SECOND 430	SECOND 431	SECOND 432	SECOND 433	SECOND 434	SECOND 435	SECOND 436	SECOND 437	SECOND 438	SECOND 439	SECOND 440	SECOND 441	SECOND 442	SECOND 443	SECOND 444	SECOND 445	SECOND 446	SECOND 447	SECOND 448	SECOND 449	SECOND 450	SECOND 451	SECOND 452	SECOND 453	SECOND 454	SECOND 455	SECOND 456	SECOND 457	SECOND 458	SECOND 459	SECOND 460	SECOND 461	SECOND 462	SECOND 463	SECOND 464	SECOND 465	SECOND 466	SECOND 467	SECOND 468	SECOND 469	SECOND 470	SECOND 471	SECOND 472	SECOND 473	SECOND 474	SECOND 475	SECOND 476	SECOND 477	SECOND 478	SECOND 479	SECOND 480	SECOND 481	SECOND 482	SECOND 483	SECOND 484	SECOND 485	SECOND 486	SECOND 487	SECOND 488	SECOND 489	SECOND 490	SECOND 491	SECOND 492	SECOND 493	SECOND 494	SECOND 495	SECOND 496	SECOND 497	SECOND 498	SECOND 499	SECOND 500	SECOND 501	SECOND 502	SECOND 503	SECOND 504	SECOND 505	SECOND 506	SECOND 507	SECOND 508	SECOND 509	SECOND 510	SECOND 511	SECOND 512	SECOND 513	SECOND 514	SECOND 515	SECOND 516	SECOND 517	SECOND 518	SECOND 519	SECOND 520	SECOND 521	SECOND 522	SECOND 523	SECOND 524	SECOND 525	SECOND 526	SECOND 527	SECOND 528	SECOND 529	SECOND 530	SECOND 531	SECOND 532	SECOND 533	SECOND 534	SECOND 535	SECOND 536	SECOND 537	SECOND 538	SECOND 539	SECOND 540	SECOND 541	SECOND 542	SECOND 543	SECOND 544	SECOND 545	SECOND 546	SECOND 547	SECOND 548	SECOND 549	SECOND 550	SECOND 551	SECOND 552	SECOND 553	SECOND 554	SECOND 555	SECOND 556	SECOND 557	SECOND 558	SECOND 559	SECOND 560	SECOND 561	SECOND 562	SECOND 563	SECOND 564	SECOND 565	SECOND 566	SECOND 567	SECOND 568	SECOND 569	SECOND 570	SECOND 571	SECOND 572	SECOND 573	SECOND 574	SECOND 575	SECOND 576	SECOND 577	SECOND 578	SECOND 579	SECOND 580	SECOND 581	SECOND 582	SECOND 583	SECOND 584	SECOND 585	SECOND 586	SECOND 587	SECOND 588	SECOND 589	SECOND 590	SECOND 591	SECOND 592	SECOND 593	SECOND 594	SECOND 595	SECOND 596	SECOND 597	SECOND 598	SECOND 599	SECOND 600	SECOND 601	SECOND 602	SECOND 603	SECOND 604	SECOND 605	SECOND 606	SECOND 607	SECOND 608	SECOND 609	SECOND 610	SECOND 611	SECOND 612	SECOND 613	SECOND 614	SECOND 615	SECOND 616	SECOND 617	SECOND 618	SECOND 619	SECOND 620	SECOND 621	SECOND 622	SECOND 623	SECOND 624	SECOND 625	SECOND 626	SECOND 627	SECOND 628	SECOND 629	SECOND 630	SECOND 631	SECOND 632	SECOND 633	SECOND 634	SECOND 635	SECOND 636	SECOND 637	SECOND 638	SECOND 639	SECOND 640	SECOND 641	SECOND 642	SECOND 643	SECOND 644	SECOND 645	SECOND 646	SECOND 647	SECOND 648	SECOND 649	SECOND 650	SECOND 651	SECOND 652	SECOND 653	SECOND 654	SECOND 655	SECOND 656	SECOND 657	SECOND 658	SECOND 659	SECOND 660	SECOND 661	SECOND 662	SECOND 663	SECOND 664	SECOND 665	SECOND 666	SECOND 667	SECOND 668	SECOND 669	SECOND 670	SECOND 671	SECOND 672	SECOND 673	SECOND 674	SECOND 675	SECOND 676	SECOND 677	SECOND 678	SECOND 679	SECOND 680	SECOND 681	SECOND 682	SECOND 683	SECOND 684	SECOND 685	SECOND 686	SECOND 687	SECOND 688	SECOND 689	SECOND 690	SECOND 691	SECOND 692	SECOND 693	SECOND 694	SECOND 695	SECOND 696	SECOND 697	SECOND 698	SECOND 699	SECOND 700	SECOND 701	SECOND 702	SECOND 703	SECOND 704	SECOND 705	SECOND 706	SECOND 707	SECOND 708	SECOND 709	SECOND 710	SECOND 711	SECOND 712	SECOND 713	SECOND 714	SECOND 715	SECOND 716	SECOND 717	SECOND 718	SECOND 719	SECOND 720	SECOND 721	SECOND 722	SECOND 723	SECOND 724	SECOND 725	SECOND 726	SECOND 727	SECOND 728	SECOND 729	SECOND 730	SECOND 731	SECOND 732	SECOND 733	SECOND 734	SECOND 735	SECOND 736	SECOND 737	SECOND 738	SECOND 739	SECOND 740	SECOND 741	SECOND 742	SECOND 743	SECOND 744	SECOND 745	SECOND 746	SECOND 747	SECOND 748	SECOND 749	SECOND 750	SECOND 751	SECOND 752	SECOND 753	SECOND 754	SECOND 755	SECOND 756	SECOND 757	SECOND 758	SECOND 759	SECOND 760	SECOND 761	SECOND 762	SECOND 763	SECOND 764	SECOND 765	SECOND 766	SECOND 767	SECOND 768	SECOND 769	SECOND 770	SECOND 771	SECOND 772	SECOND 773	SECOND 774	SECOND 775	SECOND 776	SECOND 777	SECOND 778	SECOND 779	SECOND 780	SECOND 781	SECOND 782	SECOND 783	SECOND 784	SECOND 785	SECOND 786	SECOND 787	SECOND 788	SECOND 789	SECOND 790	SECOND 791	SECOND 792	SECOND 793	SECOND 794	SECOND 795	SECOND 796	SECOND 797	SECOND 798	SECOND 799	SECOND 800	SECOND 801	SECOND 802	SECOND 803	SECOND 804	SECOND 805	SECOND 806	SECOND 807	SECOND 808	SECOND 809	SECOND 810	SECOND 811</

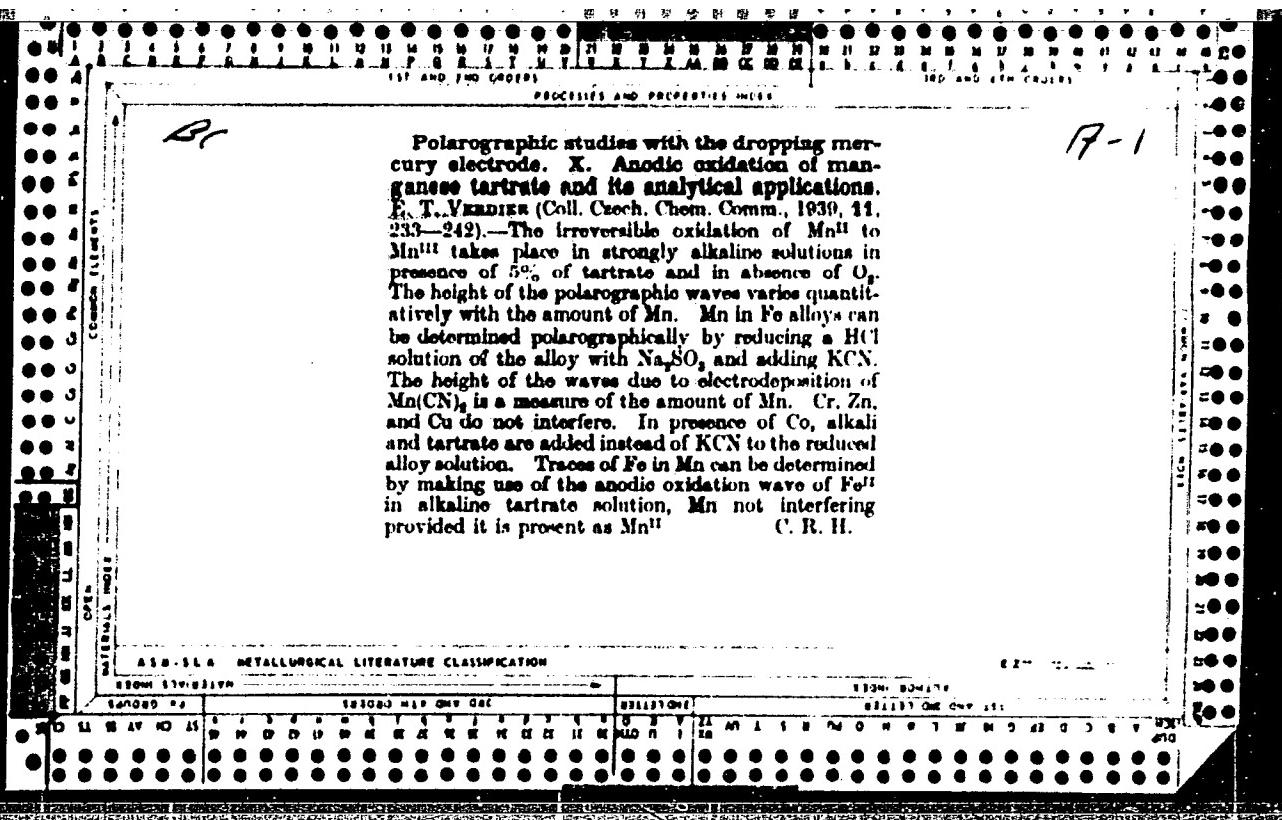
Polarographic studies with the dropping mercury cathode. LXXVIII. Electrodeposition of manganese from cyanide solutions. E. T. Vzantzev. LXXIX. Simultaneous occurrence of the two known protein effects

produced in buffered cobalt solutions. E. JURKA (Coll. Czech Chem. Comm., 1939, 11, 216-232, 249-255).—LXXVIII. The deposition of Mn from solutions containing excess of Cl^- , ClO_4^- , CN^- , CN , and various buffers has been studied. Contrary to expectation, Mn is easily and reversibly deposited from the complex $\text{Mn}(\text{CN})_6^{4-}$ in presence of 1.5N-KCN. With 0.8-1.0N-KCN, hydrolysis is sufficient to produce $\text{Mn}(\text{OH})\text{CN}$, and some Mn is deposited reversibly at the first wave and the remainder irreversibly at the second. With 0.1N-KCN no deposition occurs at the first or second waves, but deposition at a third wave due to $\text{Mn}(\text{OH})_3$ occurs. The data obtained in buffers support this explanation.

LXXIX. From an examination of the influence of serum and Co salt concns. on the "pronatrium wave" and "double wave" which are shown in current-voltage curves obtained with buffered Co solutions of human blood serum, it is concluded that both waves are due to H_2 evolution catalyzed by protein SH groups, catalysis in the latter case being activated by Co according to Brdička's theory (A., 1933, 619, 681).

C. R. H.

ASB-11A METALLURGICAL LITERATURE CLASSIFICATION



Polarographic studies with the dropping mercury electrode X Anodic oxidation of manganese ferrite and its analytical applications. Part I. Verdin, C. J., T. L. Johnson, H. E. Gossen, J. J. Spodnick, and R. W. Smith. Bivalent Mn in 2 N KOH config. of ferrite and free from air oxidizes to trivalent Mn at the dropping- Hg anode to give a wave on the current-voltage curve at -0.4 v. with respect to the N calomel electrode. After exposure to air, the curve shows the reverse cathodic reduction but at a more neg. potential, showing that the oxidation does not occur reversibly. At all solns. config. Mn always show a wave for the process $\text{Mn}^{2+} \rightarrow \text{Mn}^3$. When KMnO_4 is added to 2 N KOH config. ferrite, the curve shows 4 cathodic waves corresponding to the reductions $\text{Mn}^{3+} \rightarrow \text{Mn}^{2+}$ ($+0.2$ v.), $\text{Mn}^{3+} \rightarrow \text{Mn}^{2+}$ ($+1.1$ v.), $\text{Mn}^{3+} \rightarrow \text{Mn}^{2+}$ ($+1.3$ v.), $\text{Mn}^{3+} \rightarrow \text{Mn}^{2+}$ ($+1.7$ v.). In Fe alloys, Mn can be determined polarographically by soln. in HCl, reduction with $\text{Na}_2\text{S}_2\text{O}_3$, addn. of excess KCN and measurement of the wave at -1.36 v. for the reduction of Mn(CN)_3^- at the cathode. Although Cr, Zn and Cu do not interfere, in the presence of Co the reduced acidic soln. of the alloy must be made strongly alk., ferrate added, and the Mn deduced from the anodic wave at -0.4 v. In the same way, Fe must be deduced by its anodic wave at -0.09 v. — P. R. Smith

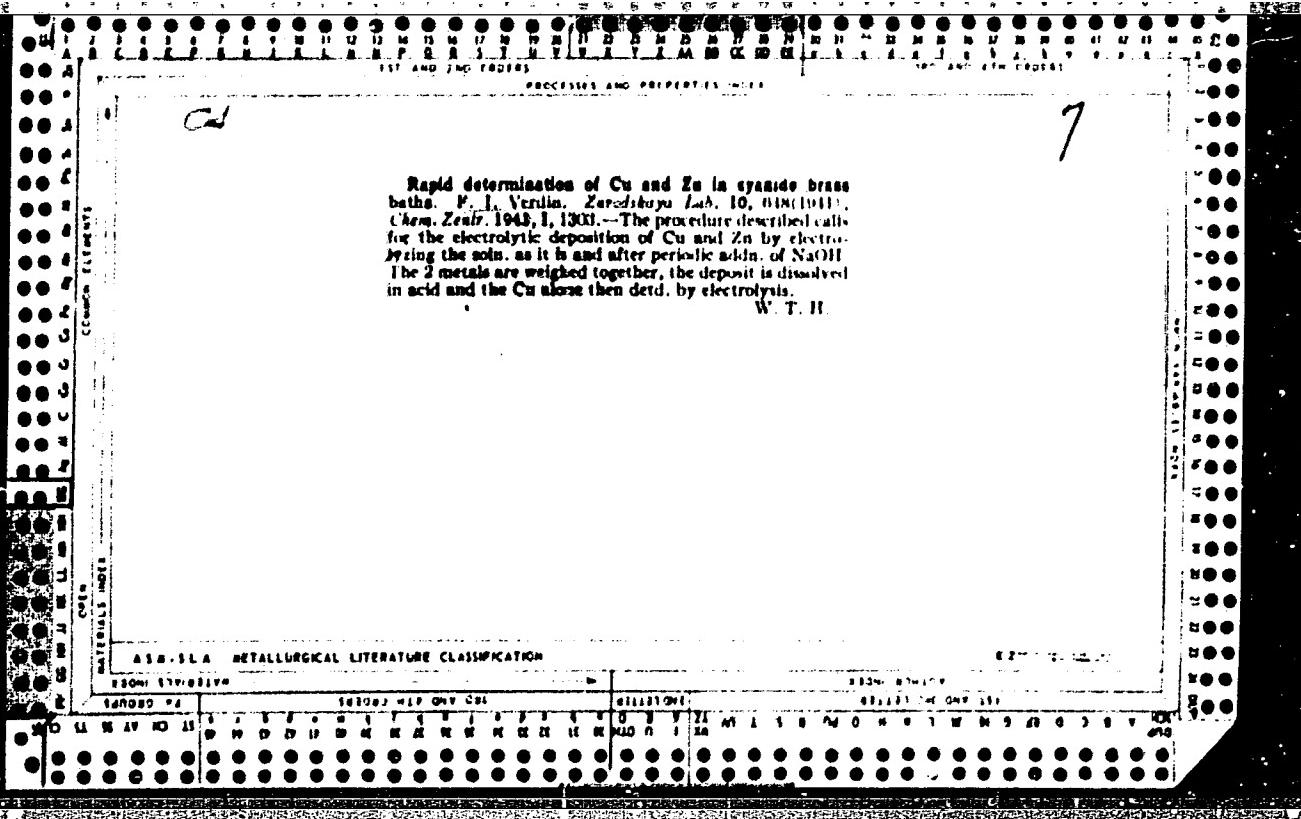
AMERICAN METALLURGICAL LITERATURE CLASSIFICATION

Rapid Determination of Copper and Zinc in Cyanide Brass Baths. V. I. Verdin (*Zoolog. Zsh.*, 1941, 10, 618; *Chem. Zentral.*, 1943, 114, (1), 1303; *C. Zts.*, 1944, 38, 3213). [In Russian.] The procedure described calls for the deposition of Cu and Zn by electrolysis of the solution as it is to begin with and after periodic additions of NaOH. The two metals are weighed together, the deposit is dissolved in acid, and the Cu alone is then determined by electrolysis.

ASME-SEA METALLURGICAL LITERATURE CLASSIFICATION

APPROVED FOR RELEASE: 09/01/2001

CIA-RDP86-00513R001859420013-8"



VERDIYAN, E. Y.

Methodology for determining the electrical capacity of the
territorial waters of the Soviet Union. Sov. Akad. Nauk. Ser. Tekhn.
tekhn. Nauk. No. 126. 1964. 164 p.
(M RA 1167)

1. Академик Е. Я. Вердиан. Методология для определения электрической
емкости.

VERDIYAN, E.Ye.

Analyzing the operation of units for the purification and
drying of gas in the main installations of the Stavropol-
Moscow gas pipeline. Gaz.prom. 4 no.6:48-51 Je '59.

(MIRA 12:8)

(Gas, Natural--Pipelines)

Zeynal
VZRDYEV, A. Yu.: Master Agric Sci (diss) -- "Double shearing of fine-wooled
sheep of the Ascania breed". Kirovabad, 1958. 18 pp (Min Agric USSR, Azerb
Agric Inst), 150 copies (KL, No 6, 1959, 138)

VERDIYEV, D.G.; GADZHIYEV, G.M.

Studying the growth and meat qualities of chicks of different breeds in the Azerbaijan S.S.R. Ptitselvodstvo 8 no.6:27-29 Je '58.
(MIRA 11:6)

1. Azerbaydzhanskiy nauchno-issledovatel'skiy institut zhivotnovodstva i veterinarii.
(Azerbaijan--Poultry breeds)

GASANOV, Sh.M., zasl. deyatel' nauki, prof.; IMANOV, S.Kh.; KEFYNINA,
L.B.; VERDIYEV, D.I.

Treatment of diseases of the peripheral nervous system at the
Mardakyan Specialized Neurosomatic Sanatorium. Sbor. trud.
Azerb. nauch.-issl. inst. kur. i fiz. metod. lech. no.9:
118-121 '63. (MIRA 18:8)

Country : USSR
 Category : Farm Animals.
 Abs. Jour : Cattle.
 Abs. Jour : Ref Zhur-Biol., No 21, 1958, 96244
 Author : Verdiyev, F. M.
 Institut. : Moscow Academy of Agriculture imeni K. A.*
 Title : The Growth and Development of Calves of the
 Kholmogorskaya Breed during the Postlactation
 Period at Various Nutrition Levels.
 Orig Pub. : Dokl. Mosk. s.-kh. akad. im. K. A. Timiryazeva,
 1957, vyp. 30, ch. 2, 178-183
 Abstract : The 1st group of calves was fed according to
 normes which are usual on farms; the feeding
 norms for the 2nd group were lower by 25 percent.
 At the age of 18 months, the calves of the 2nd
 group fell behind the calves of the 1st group
 in chest width by 10.1 percent, in chest depth
 by 9.5 percent, in diagonal body length by 8.5
 percent, in height at the withers by 5.2 per-
 cent, in the width of the hips by 5.3 percent.
 At the age of 6 months the nitrogen digestibi-

Card: 1/2 *Timiryazev.

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Abs. Jour : Farm Animals.
 Abs. Jour : Cattle.
 Author : Ref Zhur-Biol., No 21
 Title : CIA-RDP86-00513R001859420013-8
 Orig Pub. :
 Abstract : Mortality coefficient amounted to 67.54 in the cal-
 ves of the 2nd group, at 12 months to 68.37
 and at 18 months to 62.56. In calves of the 1st
 group the corresponding figures were 66.51; 61.12.
 In calves of the 1st

Card:

2/2

VERDIYEV, F. M. Cand Agr Sci -- (diss) "Growth and Development of
Calves of the Kholmogorskaya Breed ⁱⁿ and the Post-Weaning Period
for Various Levels of Feeding." Mos, 1957. 20 pp 20 cm. (Mos
Order of Lenin ~~X~~ Agricultural Academy im K. A. Timiryazev),
110 copies (KL, 25-57, 115)

VERDIYEV, G.Yu.

Acute cholecystitis caused by tapeworms. Khirurgiia, Moskva 34 no.11;
106-107 N '58.
(MIRA 12:1)

1. Iz khirurgicheskogo otdeleniya (zav. G.Yu. Verdiyev) Kirovabadskoy
ob'yedinennoy bol'nitsy imeni N. Narimanova (glavnnyy vach - kand. med.
nauk M.Y. Gadjhiyev).

(TAPEWORMS INFECTION, compl.
acute cholecystitis (Rus))
(CHOLECYSTITIS, etiol. & pathogen.
acute, caused by tapeworm infect. (Rus))

VERDIYEV, G.Yu.

Emergency surgery as treated in data from the Kirovabad
Consolidated Hospital. Azerb.med.zhur. no.1:101-104 '58
(MIRA 11:12)
1. Zaveduyushchiy khirurgicheskim otdeleniyem Kirovobadskoy
ob'yedinennoy bol'nitse imeni N.Narimanova (glavvrach -kand.med.
nauk M.G. Gadzhiev).
(KIROVABAD--SURGERY)

VERDIYEV, G.Yu.

Stomach cancer in mesenteric lymph node tuberculosis. Sov.
med. 22 no.10:121-123 0 '58 (MIRA 11:11)

1. Iz Kirovabadskoy ob'yedinnnoy bol'nitsy imeni N.Narimanova
(glavnnyy vrach - kad.med.nauk M.G. Gadzhiev).
(TUBERCULOSIS, LYMPH, NODE, compl.
mesenterial, with stomach cancer (Rus))
(STOMACH NEOPLASMS, compl.
tuberc of mesenterial lymph nodes (Rus))

ACCESSION NR: AP4031151

S/0056/64/046/004/1295/1306

AUTHORS: Verdiyev, I. A.; Popova, A. M.; Ter-Martirosyan, K. A.

TITLE: Production of four and five particles as a result of collisions at high energy

SOURCE: Zh. eksper. i teor. fiz., v. 46, no. 4, 1964, 1295-1306

TOPIC TAGS: particle production, high energy particle, particle interaction, inelastic scattering, asymptotic property

ABSTRACT: Asymptotic expressions previously derived (K. A. Martirosyan, preprint, ITEF, 1963) for "truly inelastic" processes are used for the determination of the most likely momentum configurations in reactions in which two particles are transformed into four or five particles at high energies. The earlier research was devoted to transformation of two into three particles. A general method of integrating over the momenta of the generated particles (particularly

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ACCESSION NR: AP4031151

over the transverse momentum components) and for determining the most important momentum configuration is obtained. The general form of the energy distribution of the particles is obtained, and it is shown that if 4 or 5 groups of such particles are produced, then these particles are emitted in the c.m.s. of the reaction inside a narrow cone about the initial direction, so that the total momenta of the particles within the different groups differ significantly in magnitude. The total cross sections of the reactions are obtained by taking into account the contribution of only one pole in the j-plane. Orig. art. has: 5 figures and 41 formulas.

ASSOCIATION: None

SUBMITTED: 03Sep63

DATE ACQ: 07May64

ENCL: 00

SUB CODE: NP

NR REF SOV: 004

OTHER: 001

Card 2/2

ACCESSION NR: AP4037583

S/0056/64/046/005/1700/1714

AUTHORS: Verdiyev, I. A.; Kancheli, O. V.; Matinyan, S. G.; Popova, A. M.; Ter-Martirosyan, K. A.

TITLE: Complex asymptotic expressions for inelastic processes amplitudes and singularities in the angular momentum plane

SOURCE: Zh.eksper. i teor. fiz., v. 46, no. 5, 1964, 1700-1714

TOPIC TAGS: asymptotic solution, inelastic scattering, Regge pole, moving pole method, high energy particle

ABSTRACT: A previously developed momentum integration technique for a small number of particles (ZhETF v. 46, 568 and 1295, 1964) is used to calculate the total cross sections for the production of n particles (or n groups of particles having a low particle energy in the c.m.s. of each group) and the energy distribution of the particles in high-energy inelastic collisions. The values previously obtained

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